

IN THE CLAIMS

Claim 1 (original). A multilayer film comprising the following sequence of layers:

- A) a base layer of polyolefin foam containing 0.5 to 25 wt.%, relative to the total weight of the base layer, of at least one nucleating agent,
- B) a layer based on at least one polyolefin of the foam layer A)
- C) optionally a bonding layer based on a polyolefin,
- D) optionally a coupling agent layer,
- E) optionally a gas- and/or aroma-barrier layer,
- F) a coupling agent layer,
- G) an optionally heat-sealable and/or peelable surface layer
wherein the total thickness of layers A) and B) is in the range from 0.5 to 2 mm and the thickness of layer B) is in the range from $\frac{1}{6}$ to $\frac{1}{2}$ of the thickness of layer A).

Claim 2 (original). A multilayer film according to claim 1, characterised in that the total thickness of layers A) and B) is in the range from 0.6 to 1.4 mm.

Claim 3 (currently amended). A multilayer film according to claim 1 ~~or claim 2~~, characterised in that the thickness of layer B) is in the range from $\frac{1}{6}$ to $\frac{1}{3}$ of the thickness of layer A).

Claim 4 (currently amended). A multilayer film according to ~~one or more of claims 1 to 3~~ claim 1, characterised in that layer A) is based on foamed polypropylene or a foamed blend of polypropylene with long-chain branching and a propylene-ethylene copolymer, preferably a heterophase propylene-ethylene block copolymer.

Claim 5 (currently amended). A multilayer film according to ~~at least one of claims 1 to 4~~ claim 1, characterised in that layer A) contains 2.1 to 20 wt.%, preferably 2.5 to 15 wt.% of the nucleating agent.

Claim 6 (currently amended). A multilayer film according to ~~at least one of claims~~
~~1 to 5 claim 1~~, characterised in that at least one agent from the group talcum, titanium dioxide, silicon oxide, calcium carbonate, magnesium silicate, aluminium silicate, calcium phosphate and montmorillonite is present as the nucleating agent.

Claim 7 (currently amended). A multilayer film according to ~~one or more of claims~~
~~1 to 6 claim 1~~, characterised in that layer B) is based on polypropylene or a propylene-ethylene copolymer.

Claim 8 (currently amended). A multilayer film according to ~~one or more of claims~~
~~1 to 7 claim 1~~, characterised in that layer C) is based on a polyolefin, which is based on the particular monomer which is the main monomer of the polyolefin of the foam layer A), preferably on polypropylene.

Claim 9 (currently amended). A multilayer film according to ~~one or more of claims~~
~~1 to 8 claim 1~~, characterised in that layer E) is based on an ethylene-vinyl alcohol copolymer.

Claim 10 (currently amended). A multilayer film according to ~~one or more of claims~~
~~1 to 9 claim 1~~, characterised in that layer G) is based on a heat-sealable polymer, preferably on a low density polyethylene or an ionomer and optionally contains conventional additives.

Claim 11 (currently amended). A multilayer film according to ~~one or more of claims~~
~~1 to 9 claim 1~~, characterised in that layer G) is based on peelable polymers, preferably on a blend of low density polyethylene and a polybutylene and optionally contains conventional additives.

Claim 12 (currently amended). A multilayer film according to ~~one or more of claims 1 to 11~~ claim 1, characterised in that the total thickness of layers C) to G) amounts to 20 to 70 µm, preferably to 30 to 50 µm.

Claim 13 (currently amended). Use of a multilayer film according to ~~one or more of claims 1 to 12~~ claim 1 as a packaging material.

Claim 14 (currently amended). Packaging containers, preferably packaging trays, made from a film according to ~~at least one of claims 1 to 12~~ claim 1.

Claim 15 (original). Packaging containers according to claim 14 for packaging foodstuffs, preferably solid foodstuffs.

Claim 16 (original). Packaging containers according to claim 15 for packaging meat, sausage or cheese.

Claim 17 (currently amended). Use of a multilayer film according to ~~one or more of claims 1 to 12~~ claim 1 as a packaging material on form-fill-seal machines.